Brukat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Project Division

Name of Work: Providing Children Play Equipments and Senior Citizen Gym Equipments and Landscape Development to Parks in Ward no. 08, Byrateerynagara of Yelahanka Zone

Modified Schedule B

Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
1	KSRRB M200-10.1. Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. i. By Manual Means. A. In area of light jungle. MORTH Specification No. 201. (BCSR 2016-2017, Page 136, Item No 19.13)	Ha	0.10	58594.95	Rupees Fifty Eight Thousand Five Hundred Ninety Four And Paise Ninety Five Only	5859.49
2	Excavation in Soil with Dozer KSRRB M300-11. Excavation for road way in all types of soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. MORTH Specification No. 301 (BCSR 2016-2017, Page 143, Item No 19.11)	Cum	909.07	210.28	Rupees Two Hundred Ten And Paise Twenty Eight Only	191159.08
3	KSRRB M300-Construction of Embankment with Material Gravel/Murrum KSRRB M300-53. Construction of embankment with approved material Gravel / Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. (BCSR 2016-2017, Page 148, Item No 19.60)	Cum	242.32	362.04	Rupees Three Hundred Sixty Two And Paise Four Only	87728.08
4	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)	Cum	26.39	1999.60	Rupees One Thousand Nine Hundred Ninety Nine And Paise Sixty Only	52759.45
5	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 (BCSR 2016-2017, Page 12, Item No 4.3)	Cum	83.69	5834.56	Rupees Five Thousand Eight Hundred Thirty Four And Paise Fifty Six Only	488274.15

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Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
6	KSRB 14.6.1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 5 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KSR(BCSR 2016-2017, Page 101, Item No 14.6)	Sqm	3918.15			
a)	Quantity upto 125%	Sqm	281.75	1093.31	Rupees One Thousand Ninety Three And Paise Thirty One Only	308040.09
b)	Quantity above 125%	Sqm	36.40	1093.31	Rupees One Thousand Ninety Three And Paise Thirty One Only	39796.48
7	KSRB 5.2.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1 : 6 stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (BCSR 2016-2017, Page 23, Item No 3.5)	Cum	64.37	5019.38	Rupees Five Thousand Nineteen And Paise Thirty Eight Only	323087.45
8	KSRB 4-1 .6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement@ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.(BCSR 2016-2017, Page 12, Item No 4.6)	Sqm	159.79			
a)	Quantity upto 125%	Sqm	76.75	6522.67	Rupees Six Thousand Five Hundred Twenty Two And Paise Sixty Seven Only	500614.92
b)	Quantity above 125%	Sqm	83.04	6522.67	Rupees Six Thousand Five Hundred Twenty Two And Paise Sixty Eight Only	541626.21
9	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification (BCSR 2016-2017, Page 109, Item No 14.62)	Sqm	185.45	1300.70	Rupees One Thousand Three Hundred And Paise Seventy Only	241214.82
10	KSRRB M2200-8.1. Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification complete as per specifications. A. Granular material MORTH Specification No. 2204 (BCSR 2016-2017, Page 225, Item No 28.11)	Cum	0.00	628.17	Rupees Six Hundred Twenty Eight And Paise Seventeen Only	0.00
11	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (BCSR 2016-2017, Page 262, Item No 37.3)	Sqm	933.00	790.01	Rupees Seven Hundred Ninety And Paise One Only	737079.33

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Sl No.	Description of Item	Unit	Quantity	Rate, Rs in Figures	Rate, Rs in words	Amount
12	Supplying and fixing M S rectangular pillar made out of 6 equal angles of 65x65mm, plate welded together and fixed on ends of length 25 mtrs including cost of all materials cutting, bending, scaffolding, allowance, necessary finishing the welded joints with all lead lifts and as per the directions of the Engineer in charge of the work and contracting providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (SCSR 2016-2017, Page 260, Item No 37.3)	Mtr	200.00	987.82	Rupees Nine Hundred Eighty one And Paise Eighty Two Only	198000.12
13	Providing and fixing M.S. Block pipe of 300mm dia, of heavy gauge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular pole) and spot welding the sheet link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer in charge of work etc., complete including two coats of approved quality paint over one coat of shop paint (SCSR 2016-2017, Page 262, Item No 37.4)	Nr	97.00	968.41	Rupees Three Hundred Eighty Eight And Paise Forty One Only	37792.98
14	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flap. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Sate)	Sqm	11.40	13847.28	Rupees Thirteen Thousand Eight Hundred Forty Seven And Paise Twenty Eight Only	157858.99
15	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at thebotom and C I arrows inthe midle and top. The entire frame work is to be fixed by meams of expansion bolts to the brick pillars with necesary drilling holes. the work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings. (SCSR 2016-2017, Page 41, Item No 7.33)	Kgs	0.00	157.04	Rupees One Hundred Fifty Seven And Paise Four Only	0.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
16	KSSR 5.11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing complete as per specifications. KSR No.5.4 (BCSR 2016-2017, Page 25, Item No 5.06.1)	Sqm	80.00			
a)	Quantity upto 125%	Sqm	3.00	1126.38	Rupees One Thousand One Hundred Twenty Three And Paise Twenty Eight Only	3354.76
b)	Quantity above 125%	Sqm	80.00	1123.38	Rupees One Thousand One Hundred Twenty Three And Paise Twenty Eight Only	936.37.46
17	KSSR18.37 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth renderings. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (BCSR 2016-2017, Page 113, Item No 15.15)	Sqm	79.20			
a)	Quantity upto 125%	Sqm	9.00	293.51	Rupees Two Hundred Ninety Two And Paise Fifty One Only	2632.59
b)	Quantity above 125%	Sqm	70.20	292.51	Rupees Two Hundred Ninety Two And Paise Fifty One Only	20534.20
18	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete (BCSR 2016-2017, Page 25, Item No 5.30)	Nos	1188.00			
a)	Quantity upto 125%	Nos	745.00	375.22	Rupees Three Hundred Seventy Five And Paise Twenty Two Only	279538.90
b)	Quantity above 125%	Nos	443.00	375.22	Rupees Three Hundred Seventy Five And Paise Twenty Three Only	166222.46
19	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8. (BCSR 2016-2017, Page 182, Item No 24.2)	Sqm	249.55			
a)	Quantity upto 125%	Sqm	126.25	71.93	Rupees Seventy One And Paise Ninety Three Only	9081.16
b)	Quantity above 125%	Sqm	123.30	71.93	Rupees Seventy One And Paise Ninety Three Only	8868.97
20	Providing and applying Enamel Metal Painting two coats (excluding priming coat) over new steel or other metal surfaces brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, with materials, labour complete as per specifications. (BCSR 2016-2017, Page 182, Item No 24.1)	Sqm	3093.00			
a)	Quantity upto 125%	Sqm	855.00	98.30	Rupees Ninety Eight And Paise Thirty Only	84046.50
b)	Quantity above 125%	Sqm	2238.00	98.30	Rupees Ninety Eight And Paise Thirty One Only	219995.40

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Sl No	Description of Item	Unit	Quantity	Rate, Rs (in Figures)	Rate, Rs (in words)	Amount
21	Supply and Fixing of FLE Down Challenger. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All weld o joints are scalloped as necessary and welded to an approved MIG process.All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 166630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV,CPSC, or SGS only.The GS Mark: EN16630 Certificates must be in the name of tendering party and not any 3rd party: All products must clearly display the GS mark as has been issued in the EN16630 safety	Unit	1.00	200400.00	Rupees Two Lakh(s) Sixty Six Thousand Four Hundred Only	266400.00
22	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up3 c_6rrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety:All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark: EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS mark as has been issued in the EN16630	Unit	1.00	183150.00	Rupees One Lakh(s) Eighty Three Thousand One Hundred Fifty Only	183150.00
23	Supply and fixing of Self Weighted Power. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up3 c_6rrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety:All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark• EN16630 Certificates must be in the name of tendering party and not any 3rd p;:11 ty All products must carry a GS mark on it.. Size_L x W x H): 1390 x 805 x 1100 mm. Weight: 42.4 Kg Safety Area: 3790	Unit	1.00	183150.00	Rupees One Lakh(s) Eighty Three Thousand One Hundred Fifty Only	183150.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
24	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.8mm thickness are galvanised and zinc dipped. Joints are RObotic welded. All welded joints a re scalloped as necessary and welded to an approved MIG process. All welds i re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at .ill the welding points prior to finishing. Alt metal parts are PCI\vder coated using AKZO Nobel Great Wall powder to the thickness of 80 120 microns. All metal parts are teste.d in our salt spray machine that uses a 5% NaCl solution in tkcordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality Grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: Icompletely.pre-assembled equipment modules. Maintenance: Maintain according to EN 1G630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards w ith GS test mark.The EN 16530 certificates must be issued by a reputed notified international certifying agllncy uch as IPEMA,TUV ,CPSC, or SGS only .The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with 1 he tender document. Alt products must clearly display th	Unit	1.00	155400.00	Rupees One Lakh(s) Fifty Five Thousand Four Hundred Only	155400.00
25	Supply and Fixing of Rider. Metal: All tubular steel of 2.smm thickness are galvd 1 ilzed and zinc dipped . Joints are Robotic welded. All weldect joints are scalloped as necessary and welded to an approved MIG proi,ess. .<\11 welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder Clated using AKZO Nobel-G reat Wall powder to the thickness of 80-120 microns. All II\etal parts are tested in our sa It spray machine that uses a 5% NaCl solution in accord<ince to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. 5 Bearings : Maintenance-free ball bearings . Scope of c:l livery: 1completely pre-assembled equipment modules. Maintenance: Maint<1in according to EN 16630 a nd the maintenance guide. Safety: Alf products must b tested and certified to meet EN16630 safety standards with GS test mark. The EI\! 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark-EN16630 Certificate must be in the name of tendering party and not any 3rd party. All products hust clearly display the GS mark as has been issued in the EN 16630 safety certificat	Unit	1.00	99900.00	Rupees Ninety Nine Thousand Nine Hundred Only	99900.00
26	Supply and Fixing of Bicycle. Metal: All tubular steel of 25mm thickness are galvani zed and zinc dipped. Joints are Robotic welded. All welded joint s are S('.lll oped as necessary and w eldea to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the weltling points prior to finishing.All metal parts are powder coated using AKZO Nobel GreatWall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt v pray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up -orrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. each 1 125000 125000 131188 131188 134500 134500 Bearings: Maintenance-free ball bearings . Scope of delivery: 1completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to mee t EN16630 safety standards only by a reputed notified international certifying acency such as IPEMA,TUV,CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x 498 x 120 mm. Weight : 51.5 Kg Safety Area: 3400 x 3498 mm Capacity	Unit	1.00	138750.00	Rupees One Lakh(s) Thirty Eight Thousand Seven Hundred Fifty Only	138750.00

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	Description of Item	Unit	Quantity	Rate, Rs in Figures	Rate, Rs in Words	Amount
27	Supply and Fixing of Arm & Pedal Bike Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scallloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: Icompletely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size: L x W x H: 850 x 800 x 1450 mm Weight: 80 Kg Safety Area: 3830 x 3800 mm Capacity: 1Persons.	Unit	1.00	127650.00	Rupees One Lakh(s) Twenty Seven Thousand Six Hundred Fifty Only	127650.00
28	Supply and Fixing of Tai Chi Spinners Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scallloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel G reat Wall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: Icompletely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Thecertificates must be attached with the tender document	Unit	1.00	127650.00	Rupees One Lakh(s) Twenty Seven Thousand Six Hundred Fifty Only	127650.00
29	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings.Scope of delivery: Icompletely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety	Unit	1.00	199800.00	Rupees One Lakh(s) Ninety Nine Thousand Eight Hundred Only	199800.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
30	Supply and Fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint s arescalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.CY-16 Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS mark as has been issued in the EN16630 safety	Unit	1.00	133200.00	Rupees One Lakh(s) Thirty Three Thousand Two Hundred Only	133200.00
31	Supply and Fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint s arescalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bea rings.11 Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EQ and the maintenance guide.Safety: All productsmust be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificatea must be attached with the tender document.	Unit	1.00	155400.00	Rupees One Lakh(s) Fifty Five Thousand Four Hundred Only	155400.00
32	Supply and Fixing of HD Sit Up Station. Metal: All tubular steel of 2.5mm thick10".5 are galvanized and z inc dipped.Joints are Robotic welded. All welded joints are scalloped as necessa ry and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is appiied at a ll the weldint1 points prior to fini shing. All metal parts are powder coated using AKZO Nobel-Grca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High qualiry grip rubber is used for the handle.12 Bearings: Maintenance-free ball bearings.Scope of delivery ·1completely pre- each 1 125000 125000 131188 131188 134500 134500 assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party..All products must clearly display the GS	Unit	1.00	138750.00	Rupees One Lakh(s) Thirty Eight Thousand Seven Hundred Fifty Only	138750.00

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38		Unit	1.00	[illegible]	Rupees One Lakh(s) Forty Four Thousand Three Hundred Only	[illegible]
39	Supply and Fixing of HD Mild SS Metal/All tubular steel of 1.2 3mm thickness are galvanised and zinc dipped. Joints are Robotic welded. All welded joints are scalloped in symmetry and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder coated using AK2O Nobel-Clear Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ASTM B117 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: Completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV,CPSC, or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS mark as has been issued in the EN16630 safety	Unit	1.00	[illegible]	Rupees One Lakh(s) Seventy Seven Thousand Six Hundred Only	177600.00

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Sl No	Description of Item	Unit	Quantity	Rate, Rs In Figures	Rate, Rs In words	Amount
EIRL-3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBB 4.6.2	Sqm	106.80	331.25	Rupees Three Hundred Fifty One And Paise Twenty Five Only	35406.00
EIRL-4	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	367.20	91.11	Rupees Ninety One And Paise Eleven Only	33455.59
EIRL-5	Providing precast slab of 100mm thick including cost of all sterials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer	Sqm	183.60	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only	429073.20
					TOTAL	10946851.00

Executive Engineer
Yelahanka Project Division
BBMP, Bangalore

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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